

**HIGHLY REFLECTIVE
ASPHALT-BASED ROOFING MEMBRANE**

ABSTRACT OF THE DISCLOSURE

A prefabricated asphalt-based waterproof roofing membrane for use in a multi-ply asphalt-based commercial roofing system, e.g. a cap sheet that forms the exposed layer of a multi-ply built-up roofing system, is manufactured at a factory to have a highly reflective thermoplastic elastomeric sheet layer with a top surface that has a reflectance that meets current EPA Energy Star requirements. Preferably, a polymer primer layer is interposed between the highly reflective thermoplastic elastomeric sheet layer and an asphalt saturated and coated reinforcing substrate to keep oils and other colored components in the asphalt from exuding into the highly reflective thermoplastic elastomeric sheet layer.